

ABSTRACT OF THE DISCLOSURE

The electronic control unit sets an initial value of an inertia torque equivalent flow rate Q_{mg} as an air flow equivalent to an inertia torque that acts on rotational elements related to a crankshaft 26, and a diminishing rate thereof, based on a shift position SP and coolant temperature T_w after the engine is cranked by a motor generator and the engine speed reaches an idle speed. The electronic control unit controls an the engine speed using an idle speed maintaining flow rate Q_{isc} which is obtained by subtracting the inertia torque equivalent flow rate Q_{mg} from a target idle speed maintaining flow rate Q_{isc}^* .